Fig. 1

Amino Acid Sequence of the Composite $HCV_{HC-J1/COC/CHI}$

```
                        5                  10                  15
                        |                  |                   |
  1 Met Ser Thr Ile Pro Lys Pro Gln Arg Lys Thr Lys Arg Asn Thr
 16 Asn Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile
 31 Val Gly Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly
 46 Val Arg Ala Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly
 61 Arg Arg Gln Pro Ile Pro Lys Val Arg Arg Pro Glu Gly Arg Thr
 76 Trp Ala Gln Pro Gly Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly
 91 Cys Gly Trp Ala Gly Trp Leu Leu Ser Pro Arg Gly Ser Arg Pro
106 Ser Trp Gly Pro Thr Asp Pro Arg Arg Arg Ser Arg Asn Leu Gly
121 Lys Val Ile Asp Thr Leu Thr Cys Gly Phe Ala Asp Leu Met Gly
136 Tyr Ile Pro Leu Val Gly Ala Pro Leu Gly Gly Ala Ala Arg Ala
151 Leu Ala His Gly Val Arg Val Leu Glu Asp Gly Val Asn Tyr Ala
166 Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile Phe Leu Leu Ala
181 Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala Tyr Gln Val Arg
196 Asn Ser Thr Gly Leu Tyr His Val Thr Asn Asp Cys Pro Asn Ser
211 Ser Ile Val Tyr Glu Ala His Asp Ala Ile Leu His Thr Pro Gly
226 Cys Val Pro Cys Val Arg Glu Gly Asn Val Ser Arg Cys Trp Val
241 Ala Met Thr Pro Thr Val Ala Thr Arg Asp Gly Lys Leu Pro Ala
256 Thr Gln Leu Arg Arg His Ile Asp Leu Leu Val Gly Ser Ala Thr
271 Leu Cys Ser Ala Leu Tyr Val Gly Asp Leu Cys Gly Ser Val Phe
286 Leu Ile Gly Gln Leu Phe Thr Phe Ser Pro Arg Arg His Trp Thr
301 Thr Gln Gly Cys Asn Cys Ser Ile Tyr Pro Gly His Ile Thr Gly
316 His Arg Met Ala Trp Asp Met Met Met Asn Trp Ser Pro Thr Ala
331 Ala Leu Val Met Ala Gln Leu Leu Arg Ile Pro Gln Ala Ile Leu
346 Asp Met Ile Ala Gly Ala His Trp Gly Val Leu Ala Gly Ile Ala
361 Tyr Phe Ser Met Val Gly Asn Trp Ala Lys Val Leu Val Val Leu
376 Leu Leu Phe Ala Gly Val Asp Ala Glu Thr Ile Val Ser Gly Gly
391 Gln Ala Ala Arg Ala Met Ser Gly Leu Val Ser Leu Phe Thr Pro
406 Gly Ala Lys Gln Asn Ile Gln Leu Ile Asn Thr Asn Gly Ser Trp
421 His Ile Asn Ser Thr Ala Leu Asn Cys Asn Glu Ser Leu Asn Thr
436 Gly Trp Leu Ala Gly Leu Ile Tyr Gln His Lys Phe Asn Ser Ser
451 Gly Cys Pro Glu Arg Leu Ala Ser Cys Arg Pro Leu Thr Asp Phe
466 Asp Gln Gly Trp Gly Pro Ile Ser Tyr Ala Asn Gly Ser Gly Pro
481 Asp Gln Arg Pro Tyr Cys Trp His Tyr Pro Pro Lys Pro Cys Gly
496 Ile Val Pro Ala Lys Ser Val Cys Gly Pro Val Tyr Cys Phe Thr
511 Pro Ser Pro Val Val Val Gly Thr Thr Asp Arg Ser Gly Ala Pro
526 Thr Tyr Ser Trp Gly Glu Asn Asp Thr Asp Val Phe Val Leu Asn
541 Asn Thr Arg Pro Pro Leu Gly Asn Trp Phe Gly Cys Thr Trp Met
556 Asn Ser Thr Gly Phe Thr Lys Val Cys Gly Ala Pro Pro Cys Val
571 Ile Gly Gly Ala Gly Asn Asn Thr Leu His Cys Pro Thr Asp Cys
586 Phe Arg Lys His Pro Asp Ala Thr Tyr Ser Arg Cys Gly Ser Gly
601 Pro Trp Ile Thr Pro Arg Cys Leu Val Asp Tyr Pro Tyr Arg Leu
616 Trp His Tyr Pro Cys Thr Ile Asn Tyr Thr Ile Phe Lys Ile Arg
631 Met Tyr Val Gly Gly Val Glu His Arg Leu Glu Ala Ala Cys Asn
646 Trp Thr Arg Gly Glu Arg Cys Asp Leu Glu Asp Arg Asp Arg Ser
661 Glu Leu Ser Pro Leu Leu Leu Thr Thr Thr Gln Trp Gln Val Leu
676 Pro Cys Ser Phe Thr Thr Leu Pro Ala Leu Ser Thr Gly Leu Ile
691 His Leu His Gln Asn Ile Val Asp Val Gln Tyr Leu Tyr Gly Val
```

Fig. 1

Continued

706	Gly	Ser	Ser	Ile	Ala	Ser	Trp	Ala	Ile	Lys	Trp	Glu	Tyr	Val	Val
721	Leu	Leu	Phe	Leu	Leu	Leu	Ala	Asp	Ala	Arg	Val	Cys	Ser	Cys	Leu
736	Trp	Met	Met	Leu	Leu	Ile	Ser	Gln	Ala	Glu	Ala	Ala	Leu	Glu	Asn
751	Leu	Val	Ile	Leu	Asn	Ala	Ala	Ser	Leu	Ala	Gly	Thr	His	Gly	Leu
766	Val	Ser	Phe	Leu	Val	Phe	Phe	Cys	Phe	Ala	Trp	Tyr	Leu	Lys	Gly
781	Lys	Trp	Val	Pro	Gly	Ala	Val	Tyr	Thr	Phe	Tyr	Gly	Met	Trp	Pro
796	Leu	Leu	Leu	Leu	Leu	Leu	Ala	Leu	Pro	Gln	Arg	Ala	Tyr	Ala	Leu
811	Asp	Thr	Glu	Val	Ala	Ala	Ser	Cys	Gly	Gly	Val	Val	Leu	Val	Gly
826	Leu	Met	Ala	Leu	Thr	Leu	Ser	Pro	Tyr	Tyr	Lys	Arg	Tyr	Ile	Ser
841	Trp	Cys	Leu	Trp	Trp	Leu	Gln	Tyr	Phe	Leu	Thr	Arg	Val	Glu	Ala
856	Gln	Leu	His	Val	Trp	Ile	Pro	Pro	Leu	Asn	Val	Arg	Gly	Gly	Arg
871	Asp	Ala	Val	Ile	Leu	Leu	Met	Cys	Ala	Val	His	Pro	Thr	Leu	Val
886	Phe	Asp	Ile	Thr	Lys	Leu	Leu	Leu	Ala	Val	Phe	Gly	Pro	Leu	Trp
901	Ile	Leu	Asp	Ala	Ser	Leu	Leu	Lys	Val	Pro	Tyr	Phe	Val	Arg	Val
916	Gln	Gly	Leu	Leu	Arg	Phe	Cys	Ala	Leu	Ala	Arg	Lys	Met	Ile	Gly
931	Gly	His	Tyr	Val	Gln	Met	Val	Ile	Ile	Lys	Leu	Gly	Ala	Leu	Thr
946	Gly	Thr	Tyr	Val	Tyr	Asn	His	Leu	Thr	Pro	Leu	Arg	Asp	Trp	Ala
961	His	Asn	Gly	Leu	Arg	Asp	Leu	Ala	Val	Ala	Val	Glu	Pro	Val	Val
976	Phe	Ser	Gln	Met	Glu	Thr	Lys	Leu	Ile	Thr	Trp	Gly	Ala	Asp	Thr
991	Ala	Ala	Cys	Gly	Asp	Ile	Ile	Asn	Gly	Leu	Pro	Val	Ser	Ala	Arg
1006	Arg	Gly	Arg	Glu	Ile	Leu	Leu	Gly	Pro	Ala	Asp	Gly	Met	Val	Ser
1021	Lys	Gly	Trp	Arg	Leu	Leu	Ala	Pro	Ile	Thr	Ala	Tyr	Ala	Gln	Gln
1036	Thr	Arg	Gly	Leu	Leu	Gly	Cys	Ile	Ile	Thr	Ser	Leu	Thr	Gly	Arg
1051	Asp	Lys	Asn	Gln	Val	Glu	Gly	Glu	Val	Gln	Ile	Val	Ser	Thr	Ala
1066	Ala	Gln	Thr	Phe	Leu	Ala	Thr	Cys	Ile	Asn	Gly	Val	Cys	Trp	Thr
1081	Val	Tyr	His	Gly	Ala	Gly	Thr	Arg	Thr	Ile	Ala	Ser	Pro	Lys	Gly
1096	Pro	Val	Ile	Gln	Met	Tyr	Thr	Asn	Val	Asp	Gln	Asp	Leu	Val	Gly
1111	Trp	Pro	Ala	Pro	Gln	Gly	Ser	Arg	Ser	Leu	Thr	Pro	Cys	Thr	Cys
1126	Gly	Ser	Ser	Asp	Leu	Tyr	Leu	Val	Thr	Arg	His	Ala	Asp	Val	Ile
1141	Pro	Val	Arg	Arg	Arg	Gly	Asp	Ser	Arg	Gly	Ser	Leu	Leu	Ser	Pro
1156	Arg	Pro	Ile	Ser	Tyr	Leu	Lys	Gly	Ser	Ser	Gly	Gly	Pro	Leu	Leu
1171	Cys	Pro	Ala	Gly	His	Ala	Val	Gly	Ile	Phe	Arg	Ala	Ala	Val	Cys
1186	Thr	Arg	Gly	Val	Ala	Lys	Ala	Val	Asp	Phe	Ile	Pro	Val	Glu	Asn
1201	Leu	Glu	Thr	Thr	Met	Arg	Ser	Pro	Val	Phe	Trp	Asp	Asn	Ser	Ser
1216	Pro	Pro	Val	Val	Pro	Gln	Ser	Phe	Gln	Val	Ala	His	Leu	His	Ala
1231	Pro	Thr	Gly	Ser	Gly	Lys	Ser	Thr	Lys	Val	Pro	Ala	Ala	Tyr	Ala
1246	Ala	Gln	Gly	Tyr	Lys	Val	Leu	Val	Leu	Asn	Pro	Ser	Val	Ala	Ala
1261	Thr	Leu	Gly	Phe	Gly	Ala	Tyr	Met	Ser	Lys	Ala	His	Gly	Ile	Asp
1276	Pro	Asn	Ile	Arg	Thr	Gly	Val	Arg	Thr	Ile	Thr	Thr	Gly	Ser	Pro
1291	Ile	Thr	Tyr	Ser	Thr	Tyr	Gly	Lys	Phe	Leu	Ala	Asp	Gly	Gly	Cys
1306	Ser	Gly	Gly	Ala	Tyr	Asp	Ile	Ile	Ile	Cys	Asp	Glu	Cys	His	Ser
1321	Thr	Asp	Ala	Thr	Ser	Ile	Leu	Gly	Ile	Gly	Thr	Val	Leu	Asp	Gln
1336	Ala	Glu	Thr	Ala	Gly	Ala	Arg	Leu	Val	Val	Leu	Ala	Thr	Ala	Thr
1351	Pro	Pro	Gly	Ser	Val	Thr	Val	Pro	His	Pro	Asn	Ile	Glu	Glu	Val
1366	Ala	Leu	Ser	Thr	Thr	Gly	Glu	Ile	Pro	Phe	Tyr	Gly	Lys	Ala	Ile
1381	Pro	Leu	Glu	Val	Ile	Lys	Gly	Gly	Arg	His	Leu	Ile	Phe	Cys	His
1396	Ser	Lys	Lys	Lys	Cys	Asp	Glu	Leu	Ala	Ala	Lys	Leu	Val	Ala	Leu
1411	Gly	Ile	Asn	Ala	Val	Ala	Tyr	Tyr	Arg	Gly	Leu	Asp	Val	Ser	Val
1426	Ile	Pro	Thr	Ser	Gly	Asp	Val	Val	Val	Val	Ala	Thr	Asp	Ala	Leu
1441	Met	Thr	Gly	Tyr	Thr	Gly	Asp	Phe	Asp	Ser	Val	Ile	Asp	Cys	Asn
1456	Thr	Cys	Val	Thr	Gln	Thr	Val	Asp	Phe	Ser	Leu	Asp	Pro	Thr	Phe
1471	Thr	Ile	Glu	Thr	Ile	Thr	Leu	Pro	Gln	Asp	Ala	Val	Ser	Arg	Thr
1486	Gln	Arg	Arg	Gly	Arg	Thr	Gly	Arg	Gly	Lys	Pro	Gly	Ile	Tyr	Arg
1501	Phe	Val	Ala	Pro	Gly	Glu	Arg	Pro	Ser	Gly	Met	Phe	Asp	Ser	Ser
1516	Val	Leu	Cys	Glu	Cys	Tyr	Asp	Ala	Gly	Cys	Ala	Trp	Tyr	Glu	Leu

Fig. 1

Continued

1531 Thr Pro Ala Glu Thr Thr Val Arg Leu Arg Ala Tyr Met Asn Thr
1546 Pro Gly Leu Pro Val Cys Gln Asp His Leu Glu Phe Trp Glu Gly
1561 Val Phe Thr Gly Leu Thr His Ile Asp Ala His Phe Leu Ser Gln
1576 Thr Lys Gly Ser Gly Glu Asn Leu Pro Tyr Leu Val Ala Tyr Gln
1591 Ala Thr Val Cys Ala Arg Ala Gln Ala Pro Pro Pro Ser Trp Asp
1606 Gln Met Trp Lys Cys Leu Ile Arg Leu Lys Pro Thr Leu His Gly
1621 Pro Thr Pro Leu Leu Tyr Arg Leu Gly Ala Val Gln Asn Glu Ile
1636 Thr Leu Thr His Pro Val Thr Lys Tyr Ile Met Thr Cys Met Ser
1651 Ala Asp Leu Glu Val Val Thr Ser Thr Trp Val Leu Val Gly Gly
1666 Val Leu Ala Ala Leu Ala Ala Tyr Cys Leu Ser Thr Gly Cys Val
1681 Val Ile Val Gly Arg Val Val Leu Ser Gly Lys Pro Ala Ile Ile
1696 Pro Asp Arg Glu Val Leu Tyr Arg Glu Phe Asp Glu Met Glu Glu
1711 Cys Ser Gln His Leu Pro Tyr Ile Glu Gln Gly Met Met Leu Ala
1726 Glu Gln Phe Lys Gln Lys Ala Leu Gly Leu Leu Gln Thr Ala Ser
1741 Arg Gln Ala Glu Val Ile Ala Pro Ala Val Gln Thr Asn Trp Gln
1756 Lys Leu Glu Thr Phe Trp Ala Lys His Met Trp Asn Phe Ile Ser
1771 Gly Ile Gln Tyr Leu Ala Gly Leu Ser Thr Leu Pro Gly Asn Pro
1786 Ala Ile Ala Ser Leu Met Ala Phe Thr Ala Ala Val Thr Ser Pro
1801 Leu Thr Thr Ser Gln Thr Leu Leu Phe Asn Ile Leu Gly Gly Trp
1816 Val Ala Ala Gln Leu Ala Ala Pro Gly Ala Ala Thr Ala Phe Val
1831 Gly Ala Gly Leu Ala Gly Ala Ala Ile Gly Ser Val Gly Leu Gly
1846 Lys Val Leu Ile Asp Ile Leu Ala Gly Tyr Gly Ala Gly Val Ala
1861 Gly Ala Leu Val Ala Phe Lys Ile Met Ser Gly Glu Val Pro Ser
1876 Thr Glu Asp Leu Val Asn Leu Leu Pro Ala Ile Leu Ser Pro Gly
1891 Ala Leu Val Val Gly Val Val Cys Ala Ala Ile Leu Arg Arg His
1906 Val Gly Pro Gly Glu Gly Ala Val Gln Trp Met Asn Arg Leu Ile
1921 Ala Phe Ala Ser Arg Gly Asn His Val Ser Pro Thr His Tyr Val
1936 Pro Glu Ser Asp Ala Ala Ala Arg Val Thr Ala Ile Leu Ser Ser
1951 Leu Thr Val Thr Gln Leu Leu Arg Arg Leu His Gln Trp Ile Ser
1966 Ser Glu Cys Thr Thr Pro Cys Ser Gly Ser Trp Leu Arg Asp Ile
1981 Trp Asp Trp Ile Cys Glu Val Leu Ser Asp Phe Lys Thr Trp Leu
1996 Lys Ala Lys Leu Met Pro Gln Leu Pro Gly Ile Pro Phe Val Ser
2011 Cys Gln Arg Gly Tyr Lys Gly Val Trp Arg Val Asp Gly Ile Met
2026 His Thr Arg Cys His Cys Gly Ala Glu Ile Thr Gly His Val Lys
2041 Asn Gly Thr Met Arg Ile Val Gly Pro Arg Thr Cys Arg Asn Met
2056 Trp Ser Gly Thr Phe Pro Ile Asn Ala Tyr Thr Thr Gly Pro Cys
2071 Thr Arg Leu Pro Ala Pro Asn Tyr Thr Phe Ala Leu Trp Arg Val
2086 Ser Ala Glu Glu Tyr Val Glu Ile Arg Gln Val Gly Asp Phe His
2101 Tyr Val Thr Gly Met Thr Thr Asp Asn Leu Lys Cys Pro Cys Gln
2116 Val Pro Ser Pro Glu Phe Phe Thr Glu Leu Asp Gly Val Arg Leu
2131 His Arg Phe Ala Pro Pro Cys Lys Pro Leu Leu Arg Glu Glu Val
2146 Ser Phe Arg Val Gly Leu His Glu Tyr Pro Val Gly Ser Gln Leu
2161 Pro Cys Glu Pro Glu Pro Asp Val Ala Val Leu Thr Ser Met Leu
2176 Thr Asp Pro Ser His Ile Thr Ala Glu Ala Ala Gly Arg Arg Leu
2191 Ala Arg Gly Ser Pro Pro Ser Val Ala Ser Ser Ser Ala Ser Gln
2206 Leu Ser Ala Pro Ser Leu Lys Ala Thr Cys Thr Ala Asn His Asp
2221 Ser Pro Asp Ala Glu Leu Ile Glu Ala Asn Leu Leu Trp Arg Gln
2236 Glu Met Gly Gly Asn Ile Thr Arg Val Glu Ser Glu Asn Lys Val
2251 Val Ile Leu Asp Ser Phe Asp Pro Leu Val Ala Glu Glu Asp Glu
2266 Arg Glu Ile Ser Val Pro Ala Glu Ile Leu Arg Lys Ser Arg Arg
2281 Phe Ala Gln Ala Leu Pro Val Trp Ala Arg Pro Asp Tyr Asn Pro
2296 Pro Leu Val Glu Thr Trp Lys Lys Pro Asp Tyr Glu Pro Pro Val
2311 Val His Gly Cys Pro Leu Pro Pro Pro Lys Ser Pro Pro Val Pro
2326 Pro Pro Arg Lys Lys Arg Thr Val Val Leu Thr Glu Ser Thr Leu
2341 Ser Thr Ala Leu Ala Glu Leu Ala Thr Arg Ser Phe Gly Ser Ser

Fig. 1
Continued

2356	Ser	Thr	Ser	Gly	Ile	Thr	Gly	Asp	Asn	Thr	Thr	Thr	Ser	Ser	Glu
2371	Pro	Ala	Pro	Ser	Gly	Cys	Pro	Pro	Asp	Ser	Asp	Ala	Glu	Ser	Tyr
2386	Ser	Ser	Met	Pro	Pro	Leu	Glu	Gly	Glu	Pro	Gly	Asp	Pro	Asp	Leu
2401	Ser	Asp	Gly	Ser	Trp	Ser	Thr	Val	Ser	Ser	Glu	Ala	Asn	Ala	Glu
2416	Asp	Val	Val	Cys	Cys	Ser	Met	Ser	Tyr	Ser	Trp	Thr	Gly	Ala	Cys
2431	Val	Thr	Pro	Cys	Ala	Ala	Glu	Glu	Gln	Lys	Leu	Pro	Ile	Asn	Ala
2446	Leu	Ser	Asn	Ser	Leu	Leu	Arg	His	His	Asn	Leu	Val	Tyr	Ser	Thr
2461	Thr	Ser	Arg	Ser	Ala	Cys	Gln	Arg	Gln	Lys	Lys	Val	Thr	Phe	Asp
2476	Arg	Leu	Gln	Val	Leu	Asp	Ser	His	Tyr	Gln	Asp	Val	Leu	Lys	Glu
2491	Val	Lys	Ala	Ala	Ala	Ser	Lys	Val	Lys	Ala	Asn	Leu	Leu	Ser	Val
2506	Glu	Glu	Ala	Cys	Ser	Leu	Thr	Pro	Pro	His	Ser	Ala	Lys	Ser	Lys
2521	Phe	Gly	Tyr	Gly	Ala	Lys	Asp	Val	Arg	Cys	His	Ala	Arg	Lys	Ala
2536	Val	Thr	His	Ile	Asn	Ser	Val	Trp	Lys	Asp	Leu	Leu	Glu	Asp	Asn
2551	Val	Thr	Pro	Ile	Asp	Thr	Thr	Ile	Met	Ala	Lys	Asn	Glu	Val	Phe
2566	Cys	Val	Gln	Pro	Glu	Lys	Gly	Gly	Arg	Lys	Pro	Ala	Arg	Leu	Ile
2581	Val	Phe	Pro	Asp	Leu	Gly	Val	Arg	Val	Cys	Glu	Lys	Met	Ala	Leu
2596	Tyr	Asp	Val	Val	Thr	Lys	Leu	Pro	Leu	Ala	Val	Met	Gly	Ser	Ser
2611	Tyr	Gly	Phe	Gln	Tyr	Ser	Pro	Gly	Gln	Arg	Val	Glu	Phe	Leu	Val
2626	Gln	Ala	Trp	Lys	Ser	Lys	Lys	Thr	Pro	Met	Gly	Phe	Ser	Tyr	Asp
2641	Thr	Arg	Cys	Phe	Asp	Ser	Thr	Val	Thr	Glu	Ser	Asp	Ile	Arg	Thr
2656	Glu	Glu	Ala	Ile	Tyr	Gln	Cys	Cys	Asp	Leu	Asp	Pro	Gln	Ala	Arg
2671	Val	Ala	Ile	Lys	Ser	Leu	Thr	Glu	Arg	Leu	Tyr	Val	Gly	Gly	Pro
2686	Leu	Thr	Asn	Ser	Arg	Gly	Glu	Asn	Cys	Gly	Tyr	Arg	Arg	Cys	Arg
2701	Ala	Ser	Gly	Val	Leu	Thr	Thr	Ser	Cys	Gly	Asn	Thr	Leu	Thr	Cys
2716	Tyr	Ile	Lys	Ala	Arg	Ala	Ala	Cys	Arg	Ala	Ala	Gly	Leu	Gln	Asp
2731	Cys	Thr	Met	Leu	Val	Cys	Gly	Asp	Asp	Leu	Val	Val	Ile	Cys	Glu
2746	Ser	Ala	Gly	Val	Gln	Glu	Asp	Ala	Ala	Ser	Leu	Arg	Ala	Phe	Thr
2761	Glu	Ala	Met	Thr	Arg	Tyr	Ser	Ala	Pro	Pro	Gly	Asp	Pro	Pro	Gln
2776	Pro	Glu	Tyr	Asp	Leu	Glu	Leu	Ile	Thr	Ser	Cys	Ser	Ser	Asn	Val
2791	Ser	Val	Ala	His	Asp	Gly	Ala	Gly	Lys	Arg	Val	Tyr	Tyr	Leu	Thr
2806	Arg	Asp	Pro	Thr	Thr	Pro	Leu	Ala	Arg	Ala	Ala	Trp	Glu	Thr	Ala
2821	Arg	His	Thr	Pro	Val	Asn	Ser	Trp	Leu	Gly	Asn	Ile	Ile	Met	Phe
2836	Ala	Pro	Thr	Leu	Trp	Ala	Arg	Met	Ile	Leu	Met	Thr	His	Phe	Phe
2851	Ser	Val	Leu	Ile	Ala	Arg	Asp	Gln	Leu	Glu	Gln	Ala	Leu	Asp	Cys
2866	Glu	Ile	Tyr	Gly	Ala	Cys	Tyr	Ser	Ile	Glu	Pro	Leu	Asp	Leu	Pro
2881	Pro	Ile	Ile	Gln	Arg	Leu	Gly	Cys	Pro	Glu	Arg	Leu	Ala	Ser	

Fig. 2

Antibody binding to individual peptides and various mixtures in an ELISA assay.

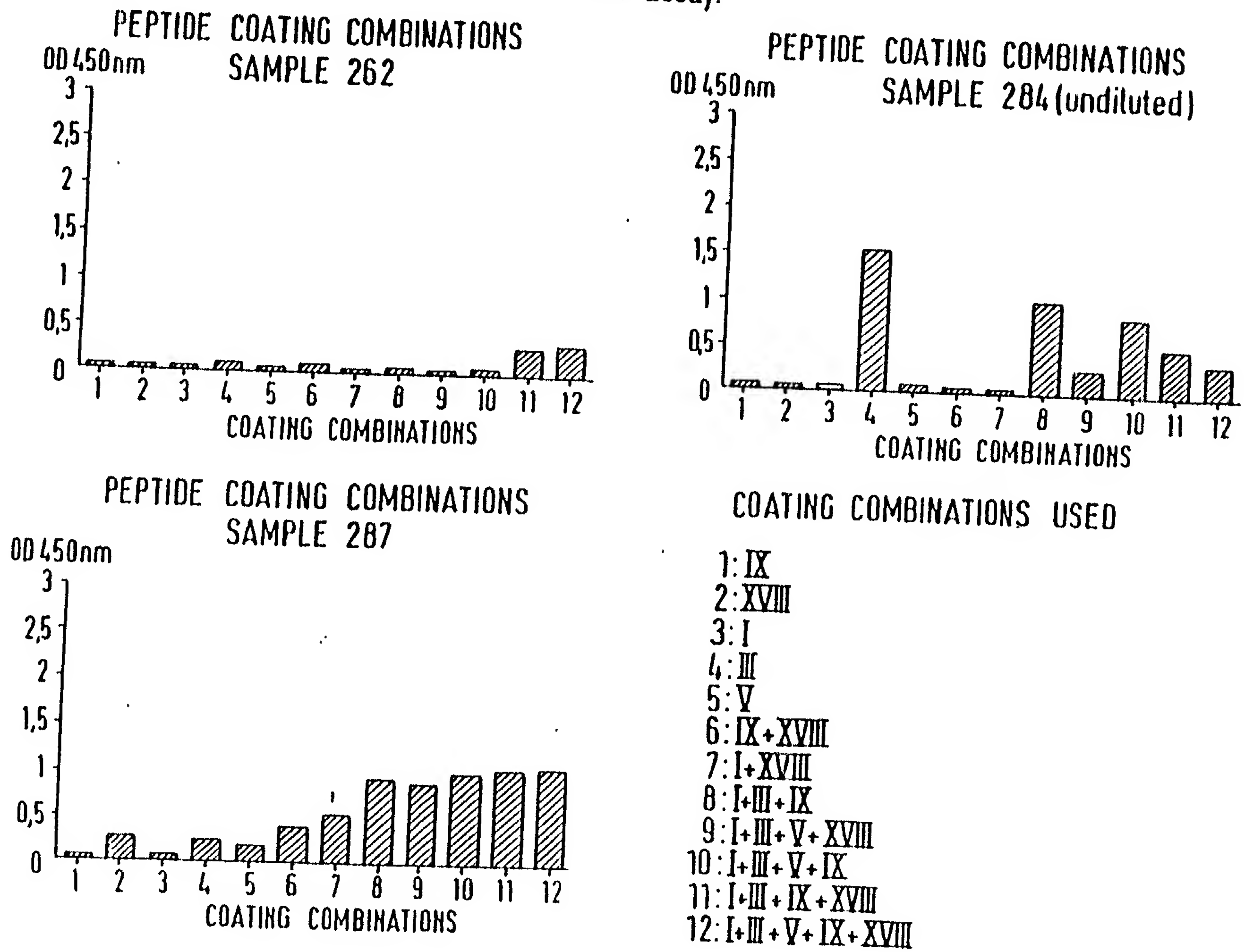
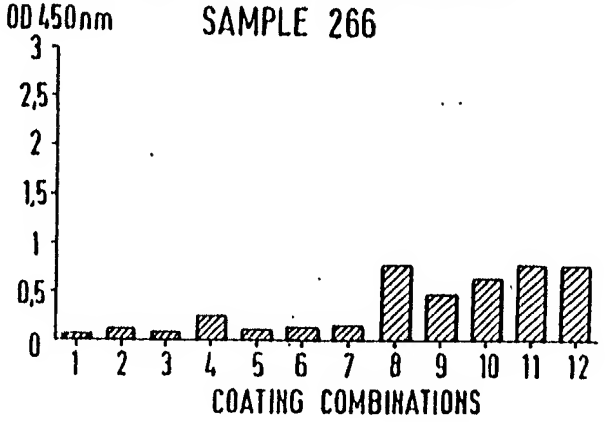
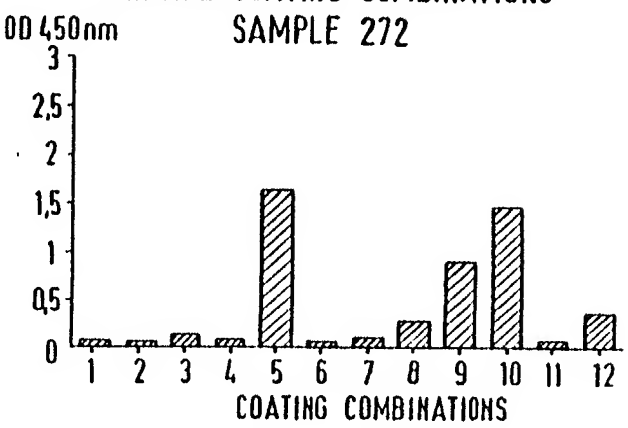

PEPTIDE COATING COMBINATIONS
SAMPLE 262
OD 450nm
0
0,5
1
1,5
2
2,5
3
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
PEPTIDE COATING COMBINATIONS
SAMPLE 284 (undiluted)
OD 450nm
0
0,5
1
1,5
2
2,5
3
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
PEPTIDE COATING COMBINATIONS
SAMPLE 287
OD 450nm
0
0,5
1
1,5
2
2,5
3
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
COATING COMBINATIONS USED
1: IX
2: XVIII
3: I
4: III
5: V
6: IX+XVIII
7: I+XVIII
8: I+III+IX
9: I+III+V+XVIII
10: I+III+V+IX
11: I+III+IX+XVIII
12: I+III+V+IX+XVIII

Fig. 2
Continued

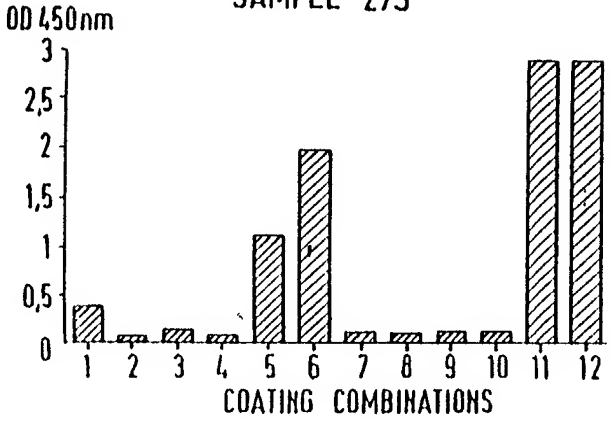
PEPTIDE COATING COMBINATIONS
SAMPLE 266



PEPTIDE COATING COMBINATIONS
SAMPLE 272



PEPTIDE COATING COMBINATIONS
SAMPLE 273



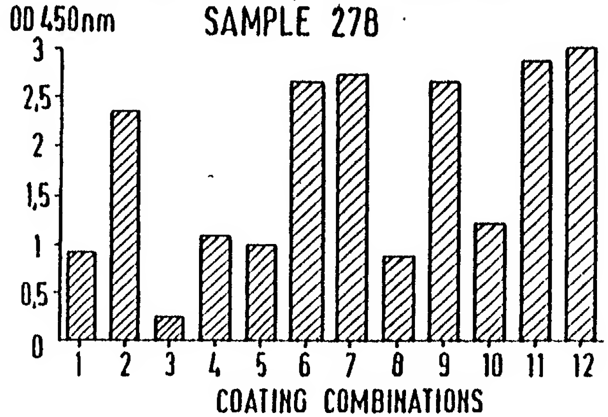
COATING COMBINATIONS USED

1: IX
2: XVIII
3: I
4: III
5: V
6: IX + XVIII
7: I + XVIII
8: I + III + IX
9: I + III + V + XVIII
10: I + III + V + IX
11: I + III + IX + XVIII
12: I + III + V + IX + XVIII

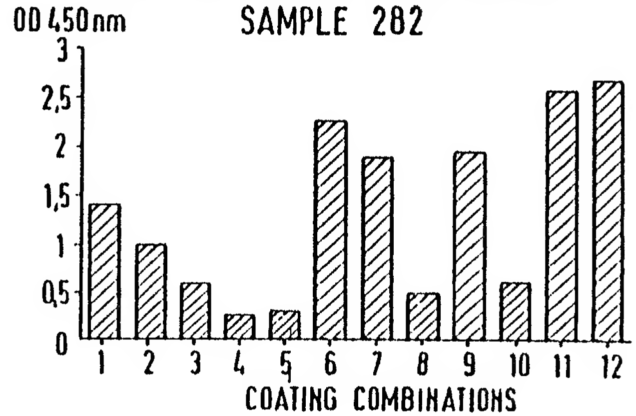
Fig. 2

Continued

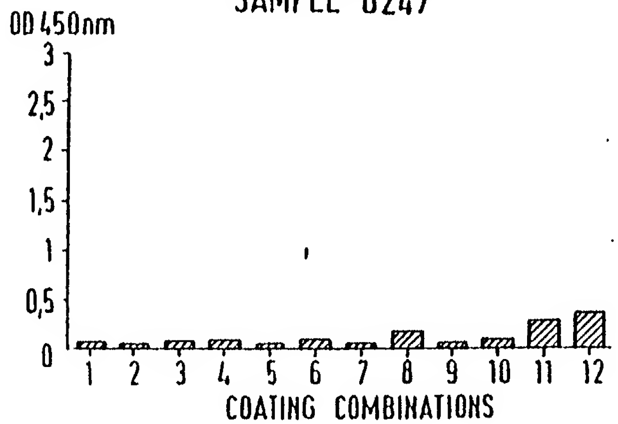
PEPTIDE COATING COMBINATIONS
SAMPLE 278



PEPTIDE COATING COMBINATIONS
SAMPLE 282



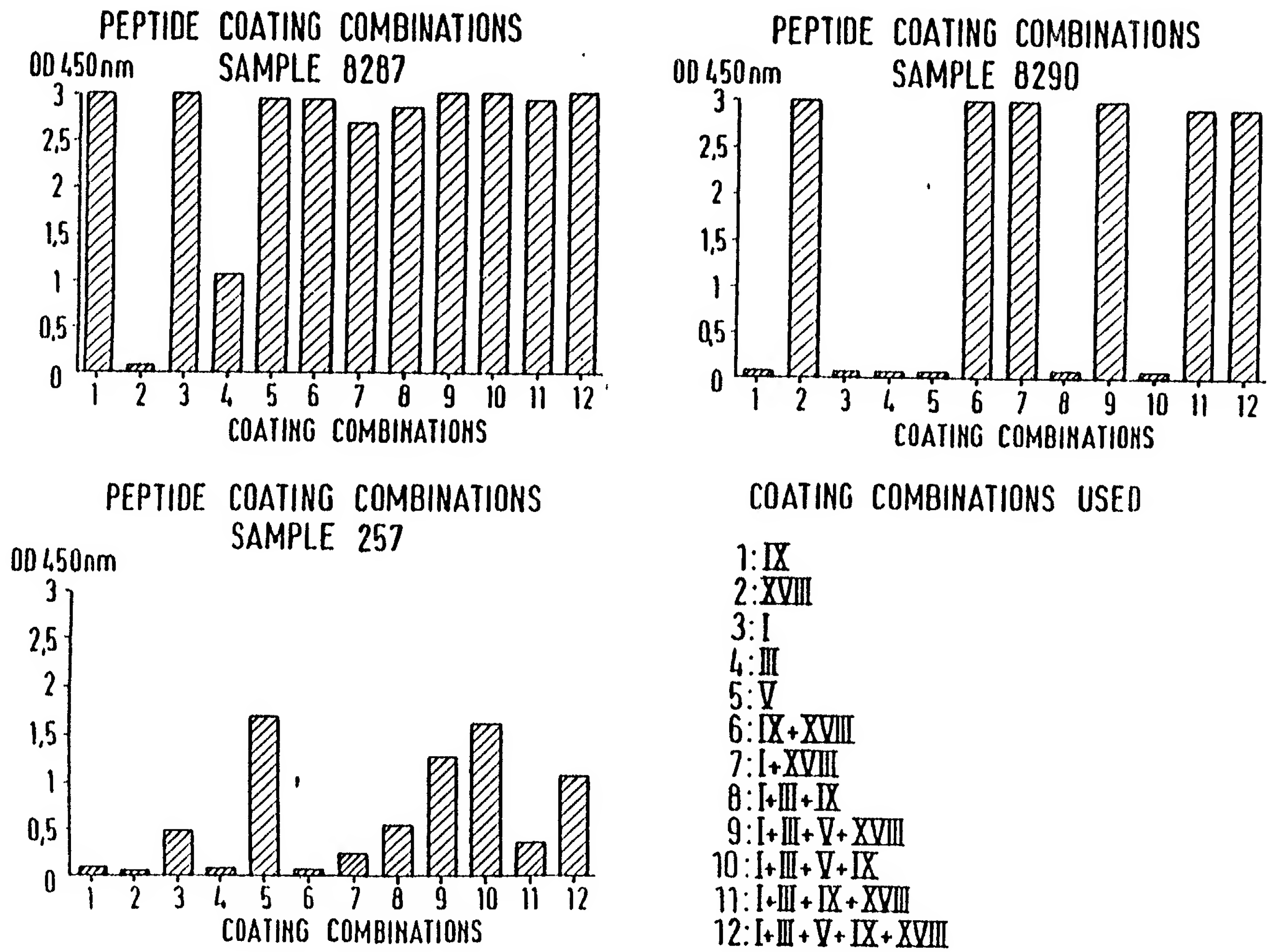
PEPTIDE COATING COMBINATIONS
SAMPLE 8247



COATING COMBINATIONS USED

1: IX
2: XVIII
3: I
4: III
5: V
6: IX + XVIII
7: I + XVIII
8: I + III + IX
9: I + III + V + XVIII
10: I + III + V + IX
11: I + III + IX + XVIII
12: I + III + V + IX + XVIII

Fig. 2
Continued


PEPTIDE COATING COMBINATIONS
SAMPLE 8287
OD 450nm
3
2,5
2
1,5
1
0,5
0
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
PEPTIDE COATING COMBINATIONS
SAMPLE 8290
OD 450nm
3
2,5
2
1,5
1
0,5
0
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
PEPTIDE COATING COMBINATIONS
SAMPLE 257
OD 450nm
3
2,5
2
1,5
1
0,5
0
1 2 3 4 5 6 7 8 9 10 11 12
COATING COMBINATIONS
COATING COMBINATIONS USED
1: IX
2: XVIII
3: I
4: III
5: V
6: IX+XVIII
7: I+XVIII
8: I+III+IX
9: I+III+V+XVIII
10: I+III+V+IX
11: I+III+IX+XVIII
12: I+III+V+IX+XVIII